

Karen



United States
Department of
Agriculture

Forest
Service

Northeastern Area
State and Private
Forestry

180 Canfield Street
Morgantown, WV 26505- 3101

File Code: 3460

Date: February 12, 2001

Mr. Ron Waller
U.S. Army Corps of Engineers
Louisville District
P.O. Box 59
Attn: ORLOR-R/Ron Waller
Louisville, KY 40201

Dear Mr. Waller:

Summaries of the 1983-2000 gypsy moth trapping program conducted at four Army Corps of Engineers sites within the Louisville District are enclosed for your information (Table 1). Also enclosed are maps showing the trap location at each site (Figure 1-4). The purpose of the trapping program is to monitor low-level gypsy moth populations and to help determine when more intensive survey methods should be employed.

Caesar Creek Lake was the only Corps site to have an increase in male gypsy moths trapped in 2000. Caesar Creek Lake trapped 19 male moths this past trapping season, compared to 6 moths in 1999. The other three sites had a slight decrease in moths trapped in 2000. The Slow-the-Spread project trapping results in these areas of Ohio have also indicated similar results for the 2000 trapping season (Figures 5-6). Based on these results, gypsy moth populations will not impact the forest resources at these Corps sites in the immediate future.

It is important for Corps personnel continue looking for other gypsy moth life stages such as larvae, pupae and/or egg masses while performing their normal duties. Please visit our GM Digest web page for a list of publications that can be helpful with the identification of these life stages, as well as a good source for general gypsy moth information. The web address is: <http://fhpr8.srs.fs.fed.us/wv/gmdigest/gmdigest.html>.

We would like to continue the trapping program at the same intensity in 2001. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304)285-1556.

Sincerely,



JOHN W. HAZEL
Field Representative

Enclosures

cc: Noel Schneeberger, AO
Melissa Grosvenor, Caesar Creek Lake
Brian Menker, Clarence J. Brown Dam
Steve Lee, Miami River Area

Steve Shulte, West Fork Lake
David Zagurney, William Harsha Lake
Jim Mickey, OHDA

KDF/blm



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Figure 1.- - Summary of the 1983-2000 gypsy moth trapping results, Louisville District, U.S. Army Corps of Engineers

Caesar Creek Lake (Warren and Clinton Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	19	0	--
1986	19	0	--
1987	19	0	--
1988	19	0	--
1989	19	0	--
1990	19	0	--
1991	15	0	--
1992	15	1	# 2
1993	15	0	--
1994	14	0	--
1995	14	1	# 11
1996	15	0	--
1997	14	1	# 5
1998	13	0	--
1999	14	6	#1, 5, 8, 12
2000	14	19	#3, 4, 6, 7, 10, 11-14

Clarence J. Brown (Clark County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	--
1984	10	0	--
1985	10	0	--
1986	10	0	--
1987	10	0	--
1988	10	0	--
1989	10	0	--
1990	10	4	# 2, 3, 4
1991	10	0	--
1992	10	0	--
1993	10	1	# 9
1994	13	0	--
1995	13	1	# 11
1996	13	0	--
1997	13	23	# 2-5, 7, 10-13
1998	13	7	# 3, 9, 11, 13
1999	13	25	All except # 2, 3

West Fork Lake (Hamilton County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	--
1984	10	0	--
1985	10	0	--
1986	10	0	--
1987	10	0	--
1988	10	0	--
1989	10	0	--
1990	10	0	--
1991	10	0	--
1992	10	0	--
1993	10	0	--
1994	10	0	--
1995	10	0	--
1996	10	0	--
1997	10	0	--
1998	10	0	--
1999	8	10	All except # 7
2000	8	9	All except #2, 6

William H. Harsha Lake (Clermont County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	15	0	--
1986	15	0	--
1987	15	0	--
1988	15	0	--
1989	15	0	--
1990	15	0	--
1991	11	0	--
1992	11	0	--
1993	11	0	--
1994	11	0	--
1995	12	0	--
1996	12	0	--
1997	12	0	--
1998	12	0	--
1999	12	14	# 1, 2, 3, 5, 7, 11, 12
2000	12	2	#2

Figure 1. 2000 Gypsy Moth Trapping Results at Caesar Creek Lake.

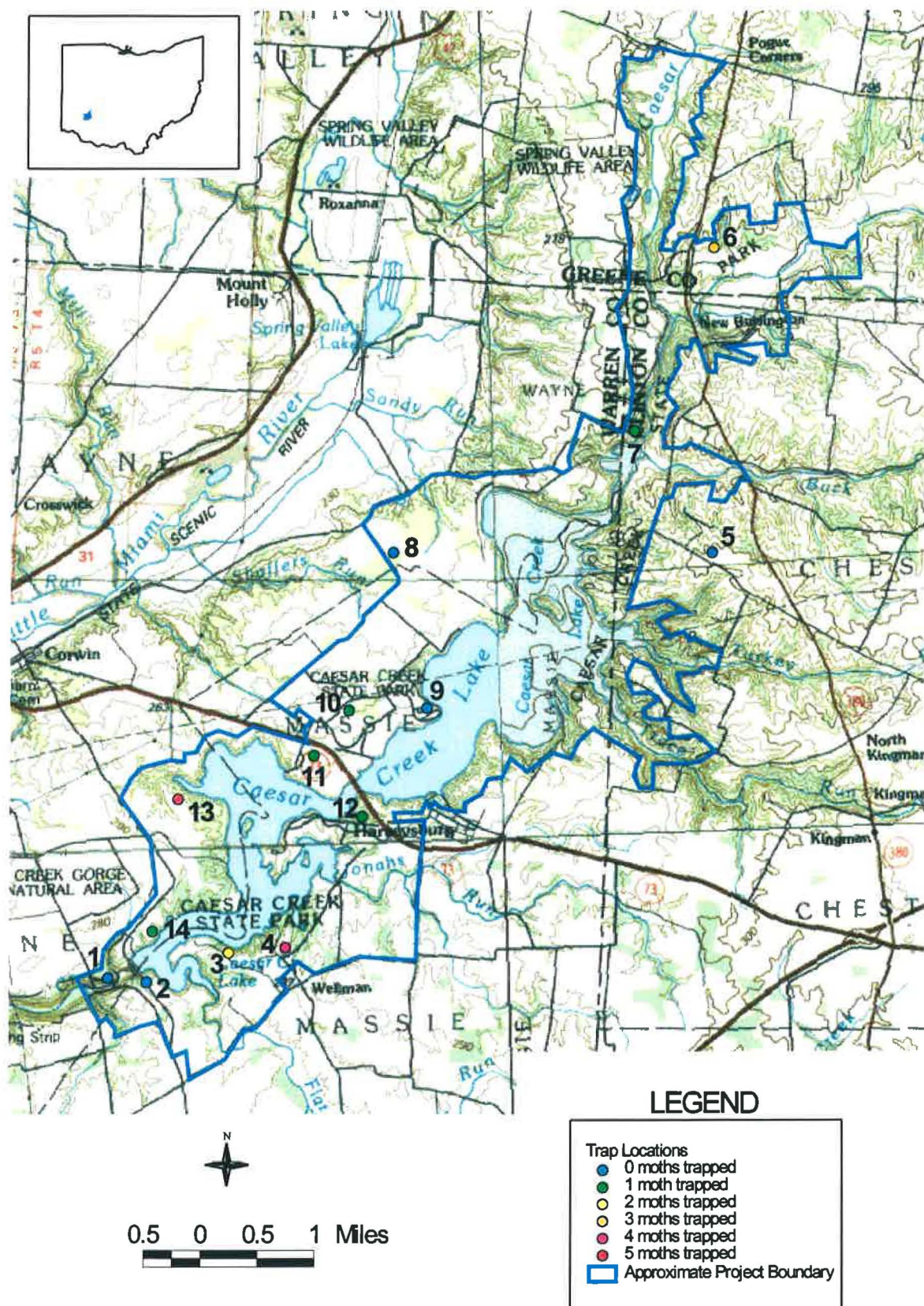


Figure 2. 2000 Gypsy Moth Trapping Results at Clarence J. Brown Reservoir.

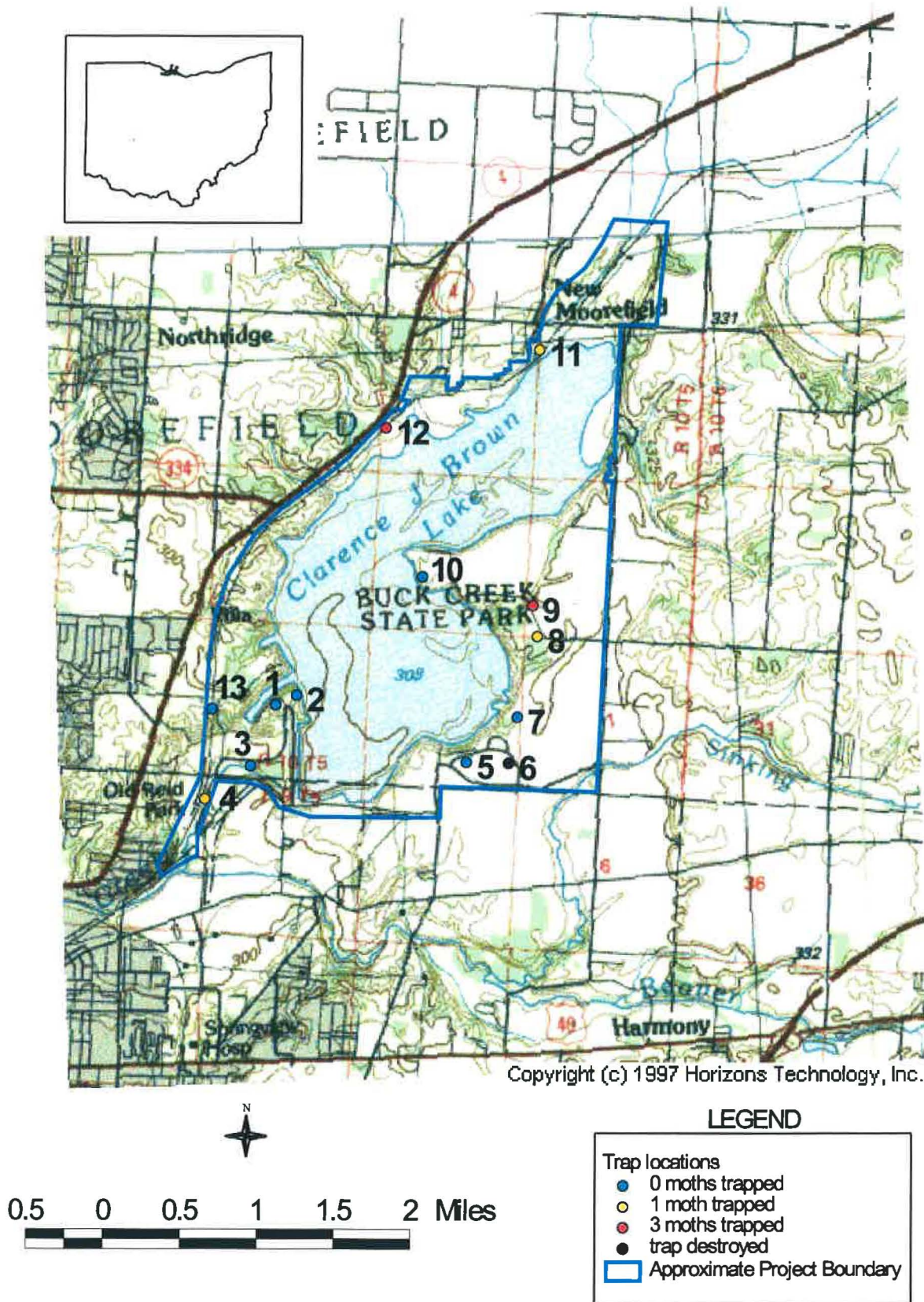
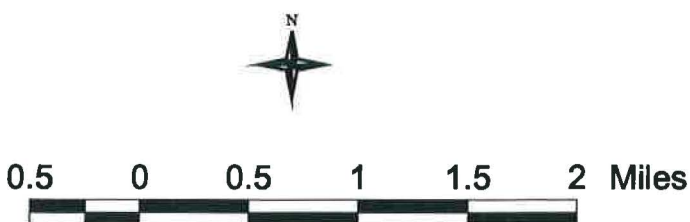
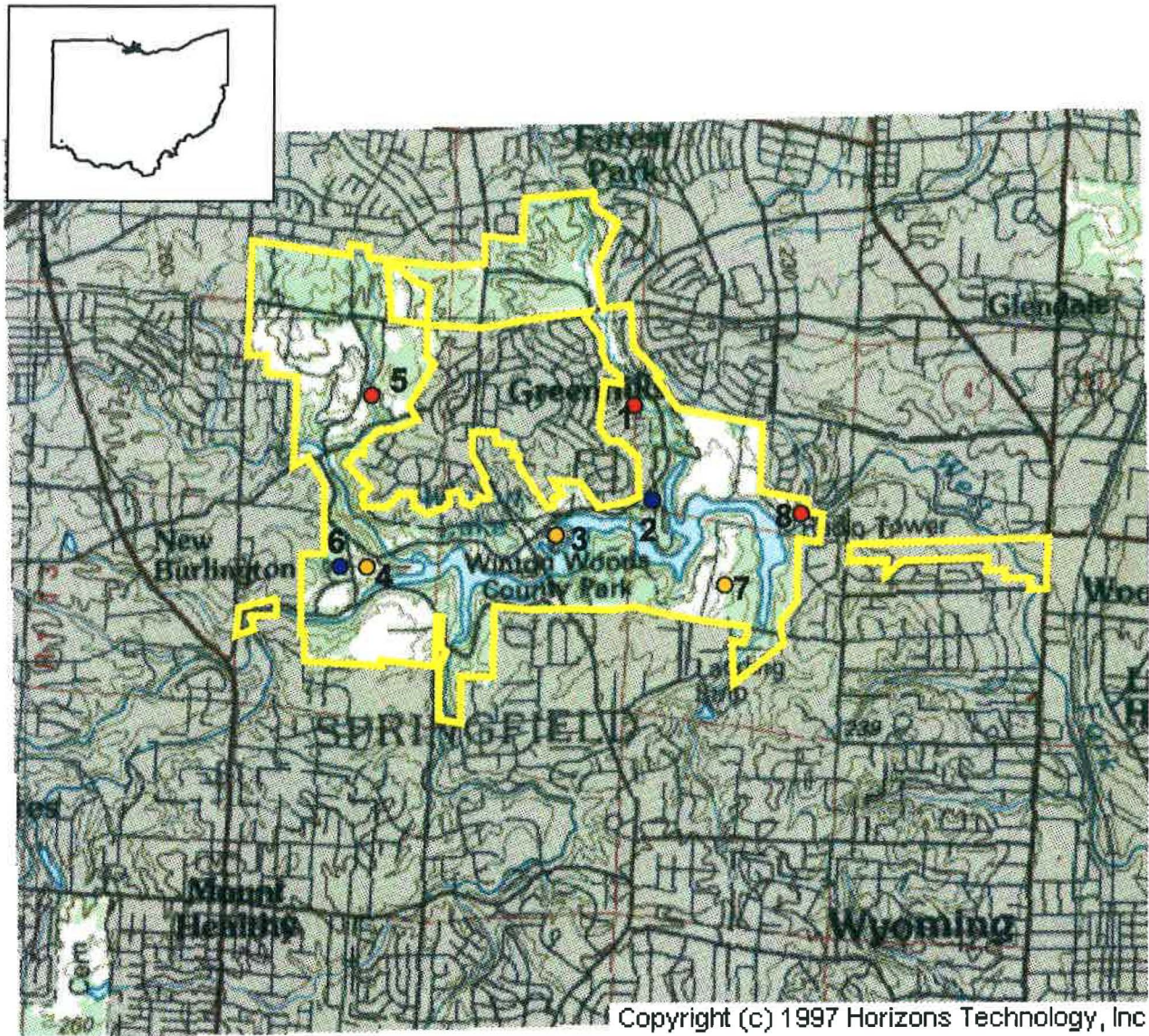


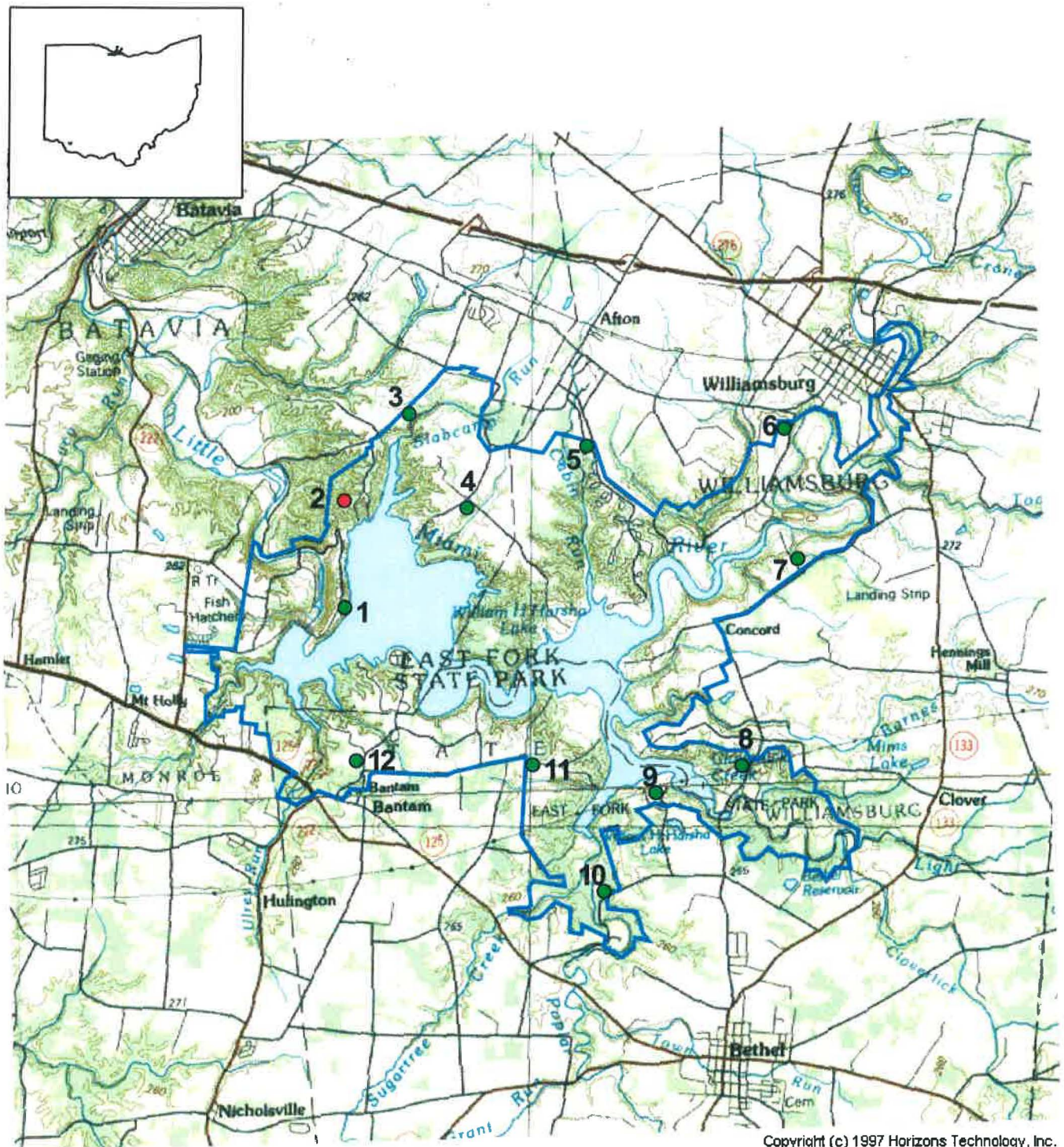
Figure 3. 2000 Gypsy Moth Trapping Results at West Fork Lake.



LEGEND

- Trap locations
- 0 moths trapped
 - 1 moth trapped
 - 2 moths trapped
 - Approximate Project Boundary

Figure 4. 2000 Gypsy Moth Trapping Results at William H. Harsha Lake.



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LEGEND

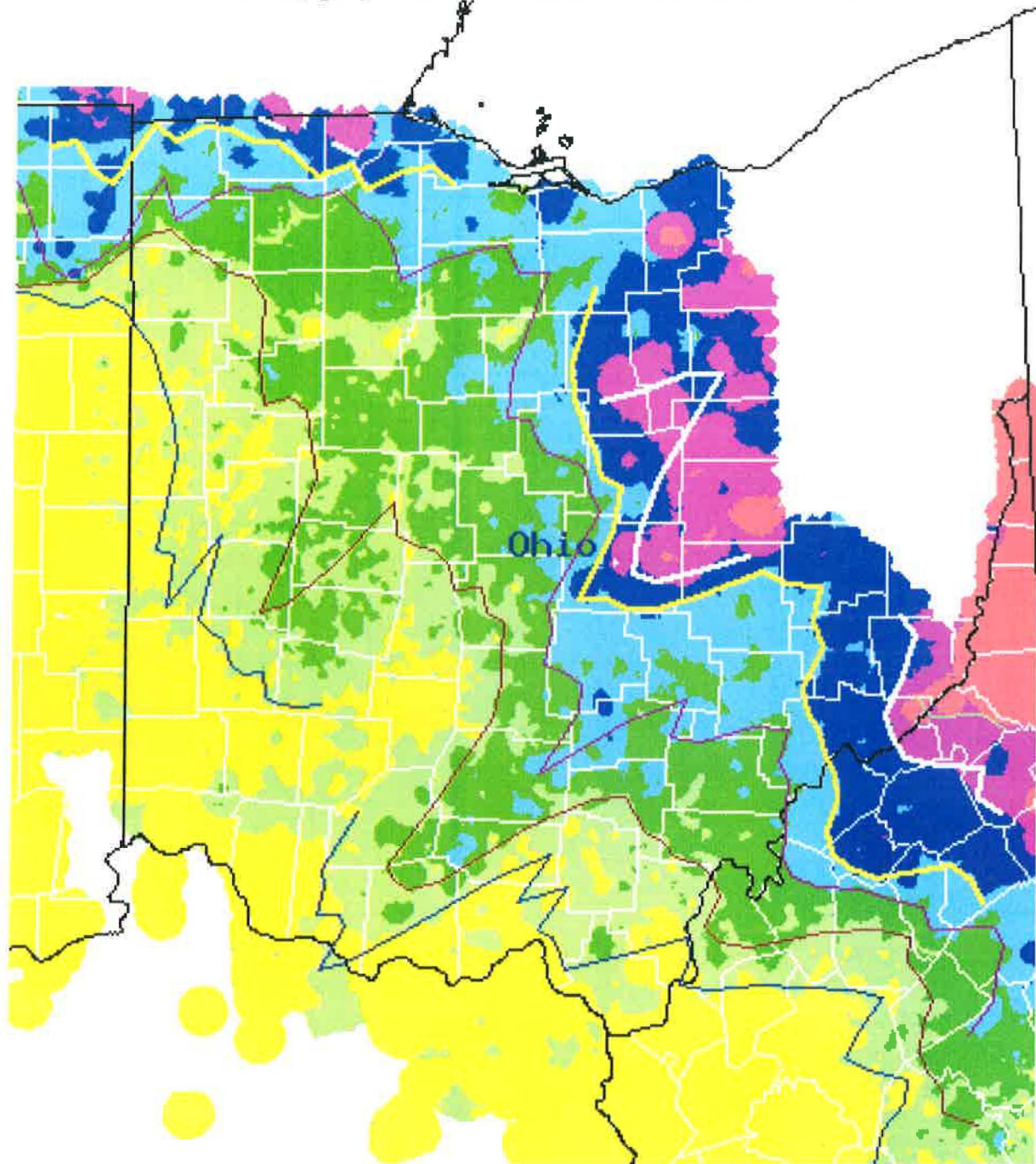
Trap locations

● 0 moths trapped

● 2 moths trapped

□ Approximate Project Boundary

Figure 5.
1999 Gypsy Moth Slow The Spread Trapping Activities Showing
the Gypsy Moth Distribution in Ohio.

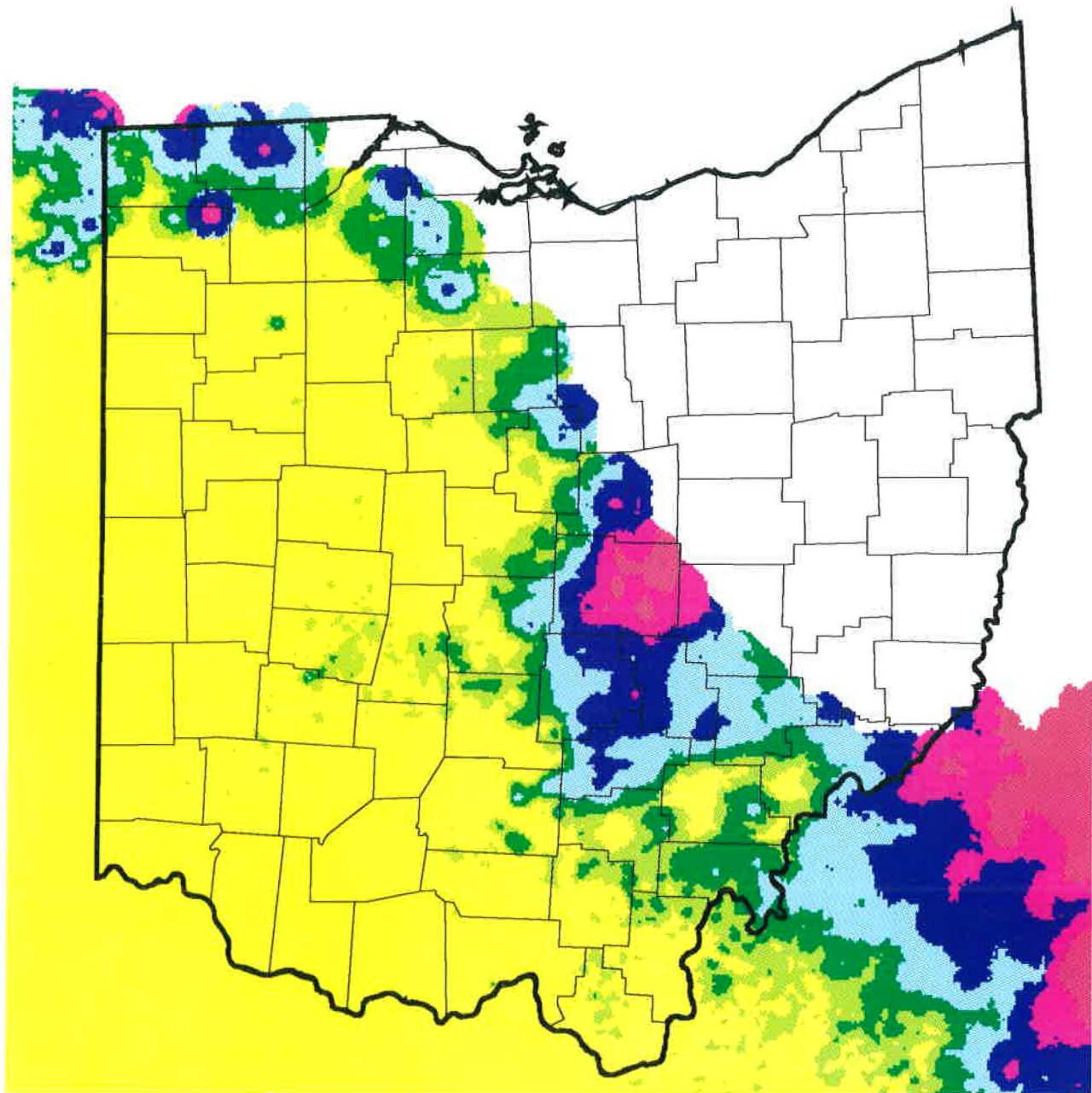


LEGEND

Moth counts in traps	Population boundaries
≤1	1-moth line
1-3	3-moth line
3-10	10-moth line
10-30	30-moth line
30-100	100-moth line
100-300	300-moth line
≥300	

Source:
 Virginia Gypsy Moth
 Information Systems Lab
 Virginia Tech
 Blacksburg, VA
<http://www.ento.vt.edu/STS/>

**Figure 6.--2000 Gypsy Moth Slow the Spread
Trapping Activities Showing the Gypsy Moth Distribution
in Ohio.**



LEGEND

Moth counts in traps

Yellow	< 1 moth
Light Green	1 to 3 moths
Dark Green	3 to 10 moths
Light Blue	10 to 30 moths
Dark Blue	30 to 100 moths
Pink	100 to 300 moths
Red	300 moths

Source:
Virginia Gypsy Moth
Information Sysytems Lab
Virginia Tech
Blacksburg, VA

<http://www.ento.vt.edu/STS/>